REMARKS

Further to the comments provided in the response filed April 11, 2005, Applicant's hereby submit the following new comments.

The structure of an acceptance algorithm discussed in Soumiya discusses a structure of an algorithm necessary to limit the number of connections on a connection line. In this instance, the maximum number of permissible connections depends on various factors, such as the peak cell rate PCR, mean allowed cell rate SCR, the physics of the connection line, etc. The number of connections conducted through the connection line changes constantly, since old, existing connections are gradually dismantled and newly added connections are set up. Once started, an acceptance algorithm structured in this manner checks the number of all connections currently being conducted on the connection line. If, as a result of new connection requests, the maximum number of allowable connections threatens to be exceeded, this algorithm becomes active and permits no new connections until the dismantling of old connections once again frees up the necessary space.

As a result, this type of acceptance algorithm can only supply yes/no statements, that is, whether or not a new connection can be accepted or not. The acceptance algorithm according to Soumiya also describes such a structure, as clearly follows from Figure 1, where the outcome of the course of the algorithm is shown as an Accept or a Reject. This means that a yes/no statement is supplied as the outcome of this algorithm, that is, whether a newly added connection is accepted (Accept) or rejected (Reject).

In this process, each acceptance algorithm gradually increases or reduces the number of connections. According to the claimed invention, for example, the acceptance algorithm is automatically started at each step. This occurs so that a bandwidth can be calculated that is representative for all connections. In other words, while the present invention can be seen as calculating a representative bandwidth, the acceptance algorithm according to Soumiya consists in accepting or rejecting connections (yes/no statement). Moreover, the invention according to Soumiya is also based on the assumption of estimated bandwidths, as evidenced by the "estimated bandwidth calculator 16" in column 9, line 58. An exact calculation is not provided here.

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However, the multiple starting of an acceptance algorithm is not disclosed by Soumiya. In this regard, the claimed invention is patentably distinct and reconsideration of the same is solicited.

If it is determined that a telephone conference would expedite the prosecution of this application, the Examiner is invited to telephone the undersigned at the number given below.

In the event the U.S. Patent and Trademark Office determines that an extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to Deposit Account No. 03-1952 referencing docket no.449122037100. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: June 13, 2005   Respectfully submitted,
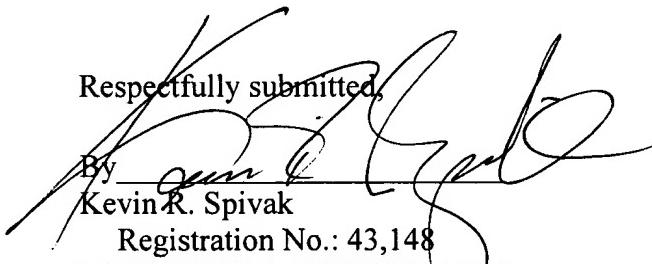
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